



**BUILDING CODE MANUAL
COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
BUILDING AND SAFETY DIVISION
Based on the 2014 LACBC**

**#065
1510
Article 1
01-26-15
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REROOFING

General Criteria

Roofs shall comply with the requirements of Chapters 7A and 15. If reroofing with metal roofing, then the Department of Regional Planning approval must be obtained.

Roofs shall have a roofing assembly installed in accordance with the listing and manufacturer's installation instructions. The Building Official may allow existing roof coverings to remain when inspection reveals the following:

- There is not more than one layer of wood shingles, asphalt shingles, metal roofing, mineral-surfaced rolled roofing or built-up roofing. All other types of roof coverings shall be removed down to the roof deck.
- The roof framing is structurally adequate to sustain the weight of an additional roof covering.
- The existing roof covering is securely attached to the deck.
- The roof deck is structurally sound and is not rotted.
- The existing installation is not water soaked.
- The new roof covering complies with the specifications for the existing pitch and the fire resistance for its location within the fire zone.
- The new roof covering is listed by an approved agency for application over an existing roof covering matching the actual field conditions.

Reroofing shall comply with the following items

1. Existing Mineral Aggregate Built-up Roofs

The roof shall be brushed clean of all loose gravel, debris, and embedded aggregate projecting more than 1/8 inch. All blisters, buckles, and other irregularities shall be cut and cemented, or nailed smooth. One layer of Type 30 organic fiber felt shall be nailed in place. Deck surface is now ready for new roof covering. Roofing nails shall be of sufficient length to penetrate through the existing covering and into the sheathing a minimum of 3/4 inch or through 1/2 inch plywood.

2. Existing Asphalt Shingles or Composition Roofs

New asphalt shingles, composition, mineral-surfaced rolled roofing, or wood roofs (not located in Very High Fire Hazard Severity Zones) may be applied directly over an existing asphalt shingle, mineral-surfaced rolled roofing, or composition roof. Roofing nails shall be of sufficient length to penetrate through the existing covering and into the sheathing a minimum of 3/4 inch or through 1/2 inch plywood.

3. Existing Wood Shingles

New wood shingles (not located in Very High Fire Hazard Severity Zones), or asphalt shingles with self-sealing tabs, or built-up roofs may be installed directly on existing wood shingles with or without a solid sheathing, or plywood base. Alternately a new 1/2 inch plywood deck may be fastened over wood shingles as noted in Item 6 below. The existing wood shingles within 3-1/2 inches of eaves and rakes shall be sawn and removed, and a solid wood filler strip of appropriate width and thickness shall be attached to provide a continuous nailing surface along these edges for the new roof covering.

4. Existing Wood Shakes

Wood shakes shall be completely removed before reroofing unless the material complies with the exceptions noted in Section 1510.3. If new covering requires solid decking, the spaces between existing spaced sheathing shall be filled with appropriate width boards or 1/2 inch (minimum) thickness plywood may be fastened over spaced sheathing. Plywood shall be installed as noted in Item 6 below.

5. Existing Clay or Concrete Tiles

Clay or concrete tiles shall be completely removed before reroofing with any material.

6. New Plywood Installation and Nailing

Where plywood is installed directly on spaced sheathing, transverse panel joints should occur over a rafter. Nails shall be minimum 8d and of sufficient length to penetrate into the sheathing boards, and rafter a combined length of at least 1 inch. Nails shall be spaced 12 inches o.c. at each rafter. Where the panel edges that are parallel to the rafter do not occur over a rafter, nails shall be driven at 6 inches o.c. maximum spacing along each such edge, and through the sheathing boards.

7. Buildings located in Very High Fire Hazard Severity Zone

Reroofing with wood shakes or wood shingles is prohibited per Section 705A.2.

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